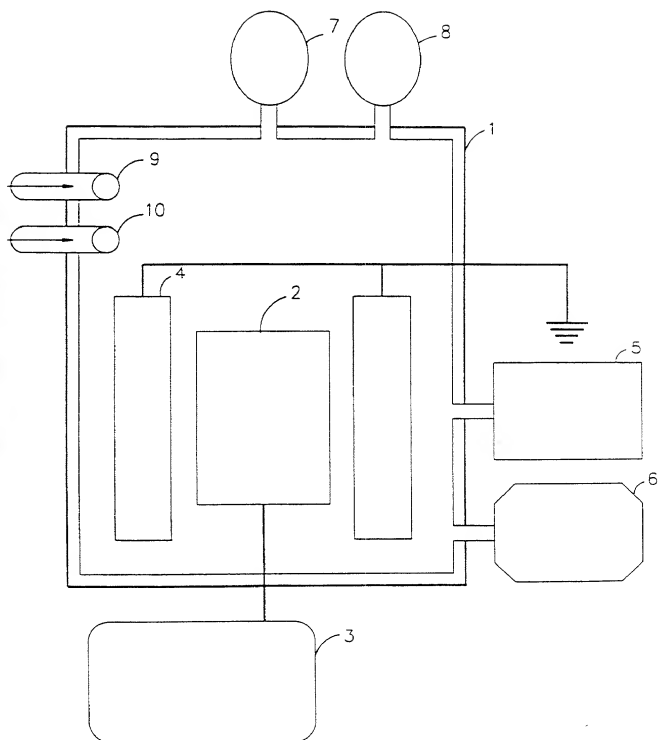


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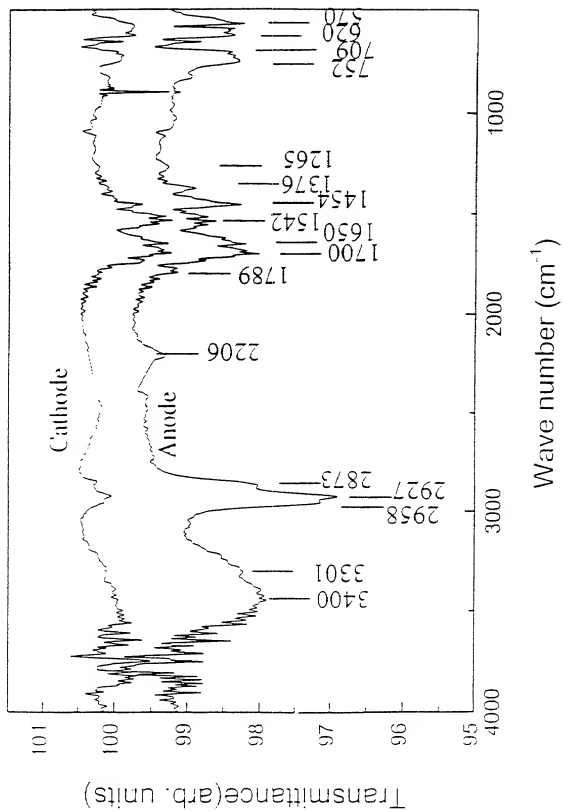
FIG. 1



50007489-000001

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FIG. 2

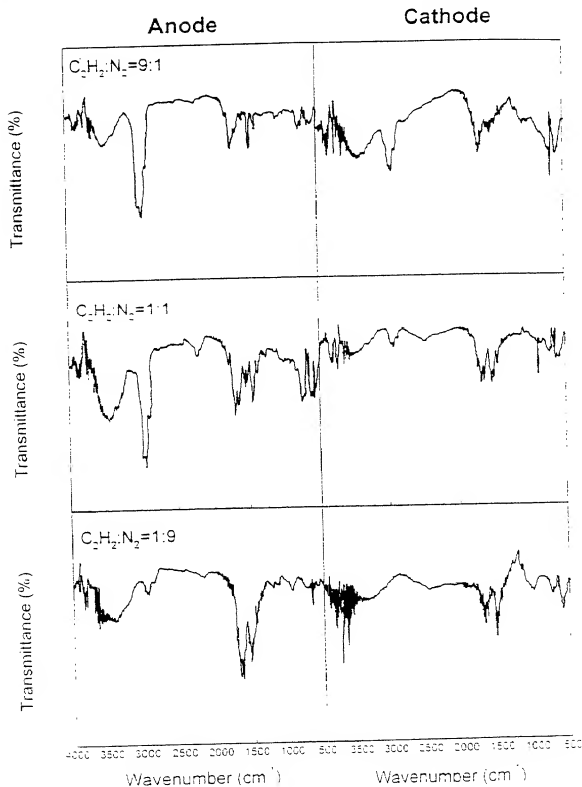


102230\*68728860

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## FIG. 3

As-received 60 sec.

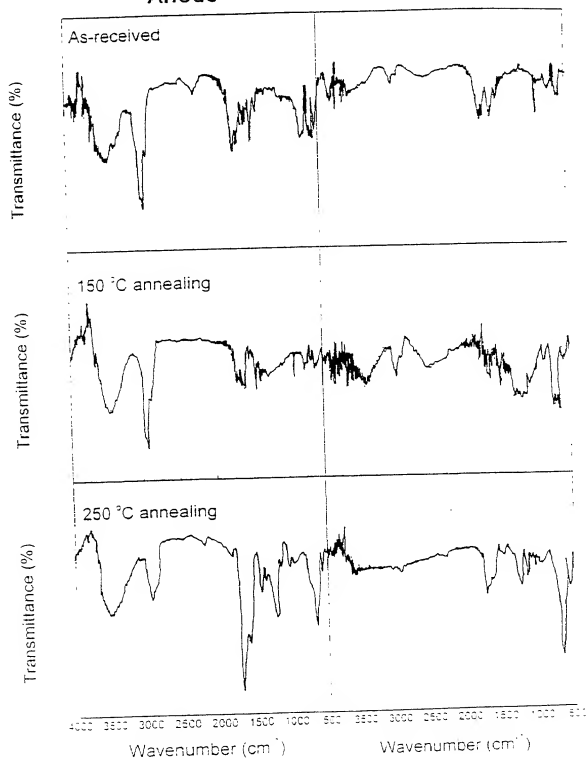


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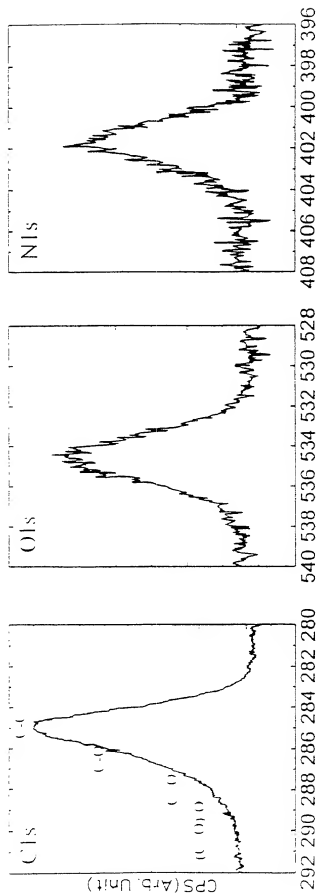
**FIG. 4** $C_2H_2:N_2=1:1$ , Time=60 sec.

Anode

Cathode



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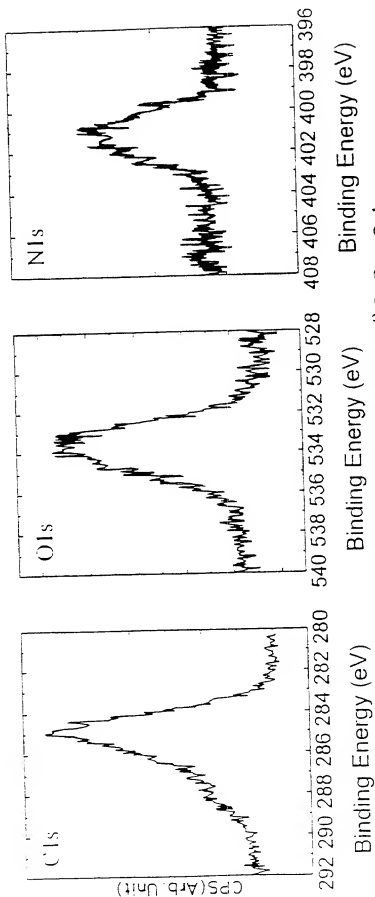


As-deposited

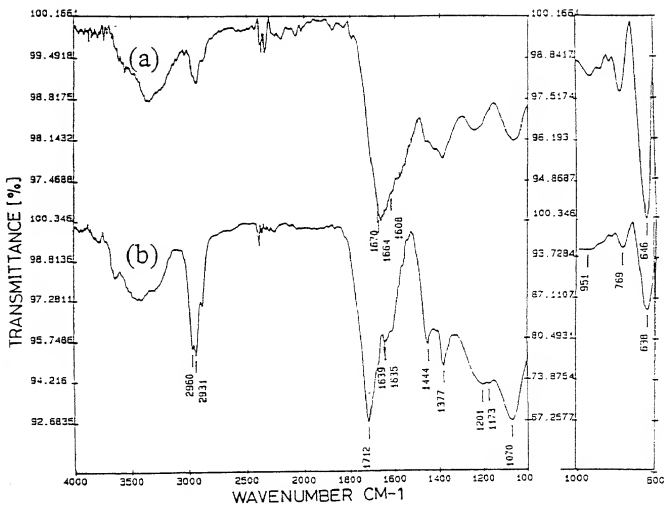
**FIG. 5A**

102250\*68128860

FIG. 5B



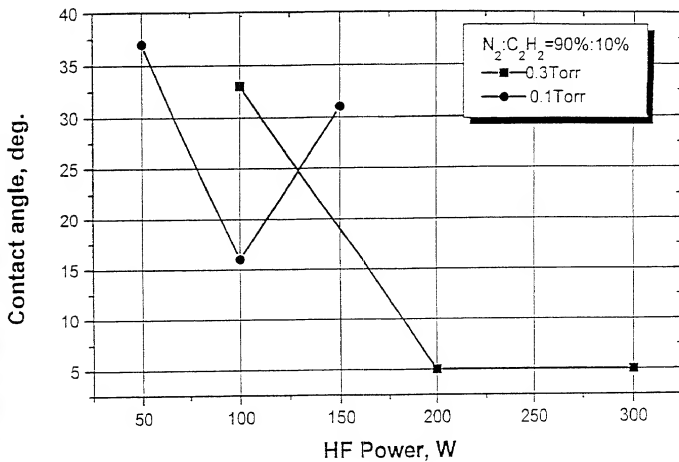
After thermal annealing at 250°C for 2 hr.

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**FIG. 6**

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FIG. 7

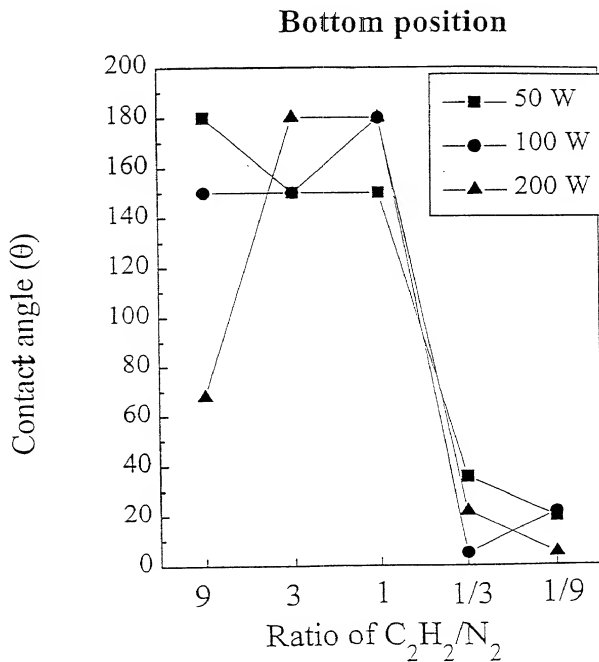
## Al Substrate



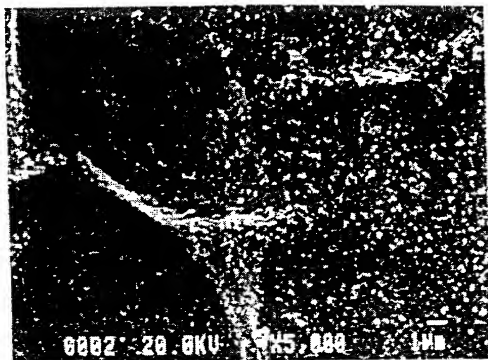
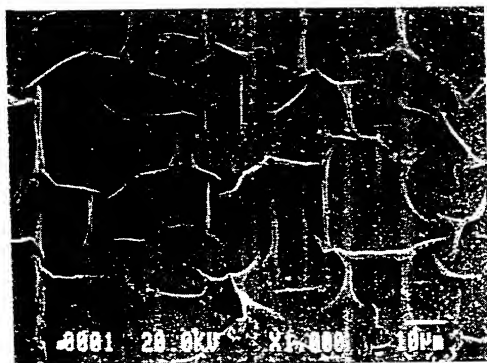


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FIG. 8



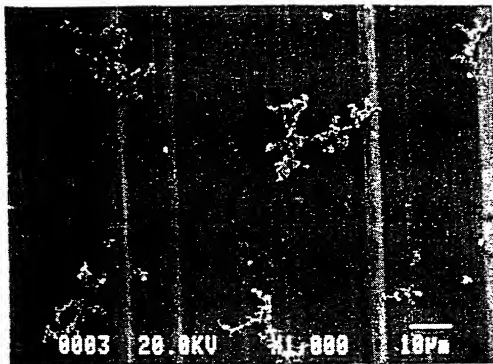
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**FIG. 9A****FIG. 9B**

102290 68178860 09867189 062201

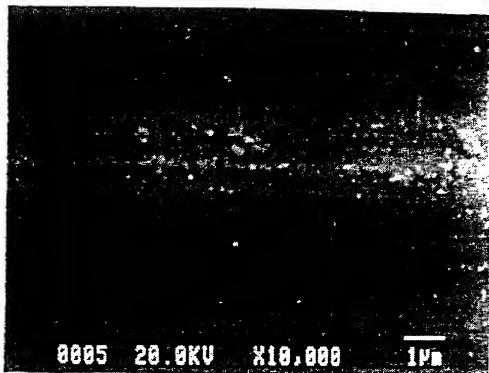
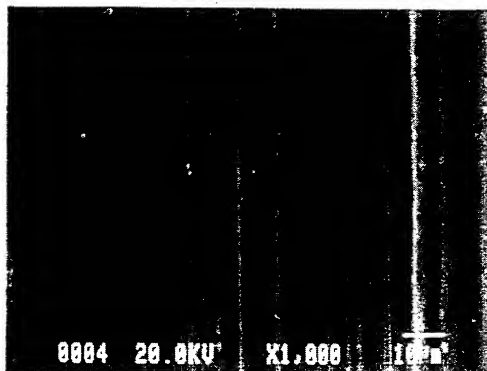
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FIG. 10



102290\*68178860

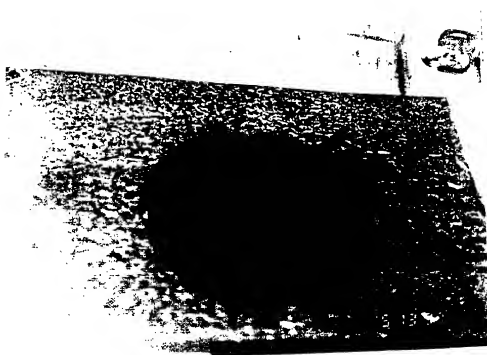
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**FIG. 11A****FIG. 11B**

09887489 062204

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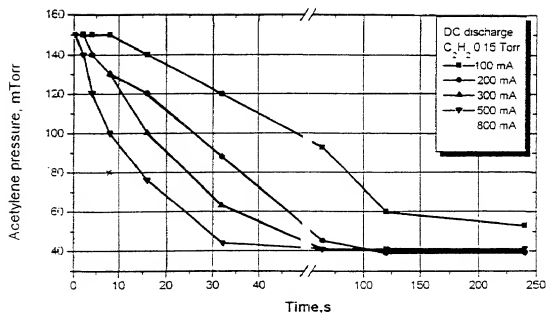
FIG. 12



102290-68128860

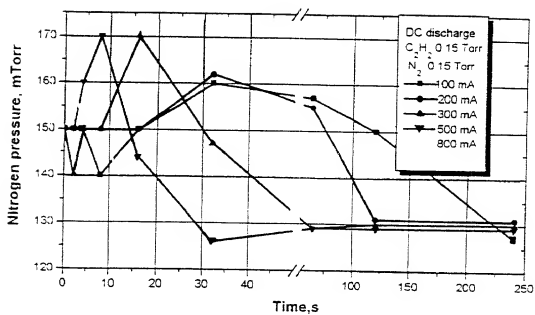
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FIG.13



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FIG.14



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FIG.15A

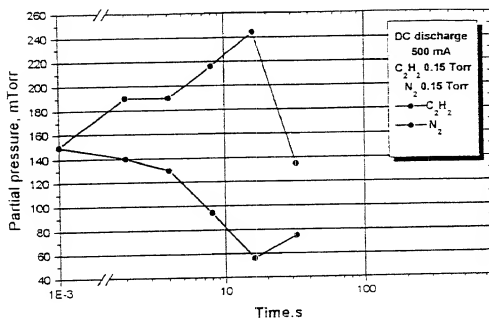
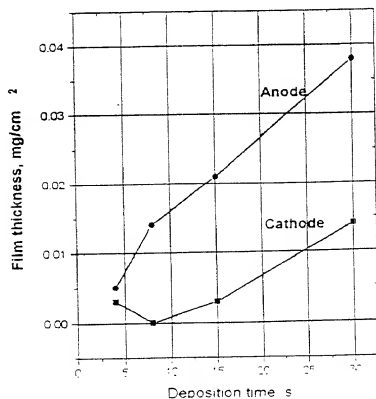


FIG.15B

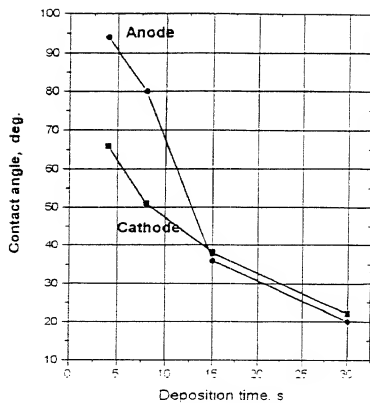


102290-60128060



17 31

FIG. 15C



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FIG. 16A

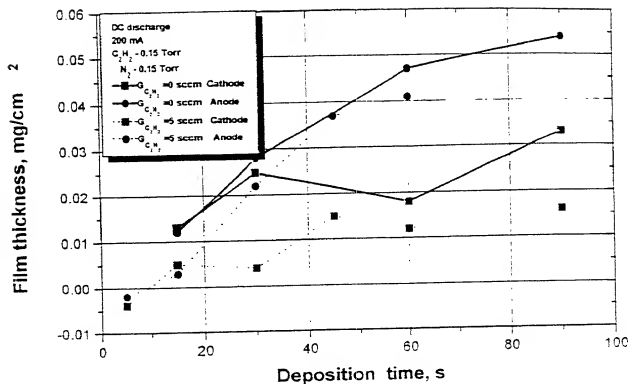
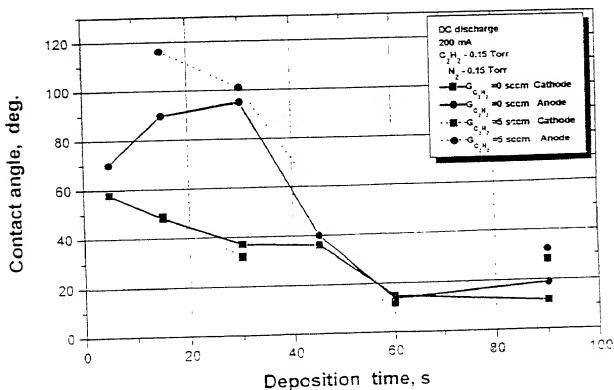


FIG. 16B



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FIG. 17A

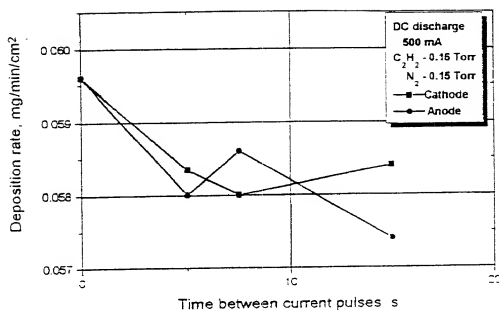
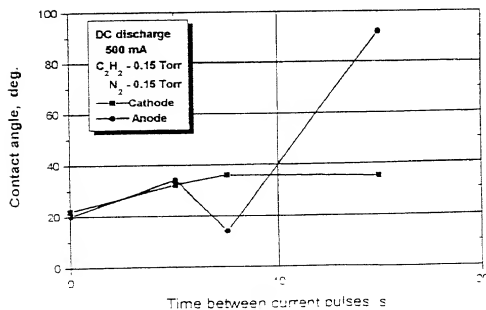
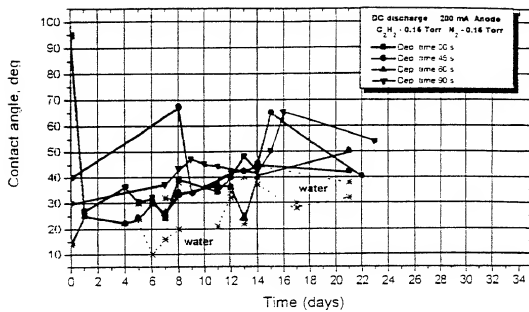


FIG. 17B



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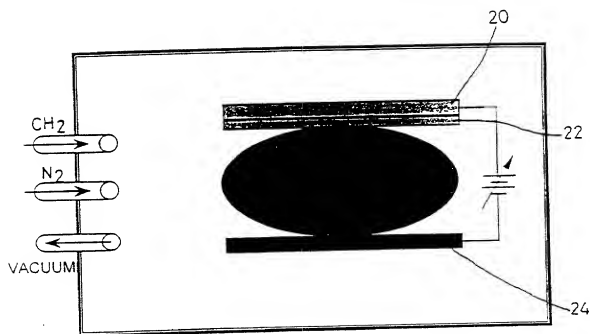
FIG. 18



002290-00128950

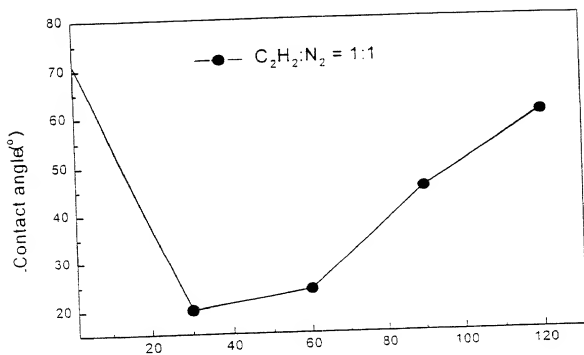
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FIG. 19



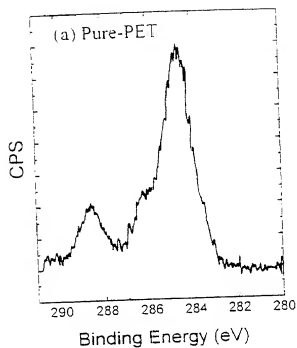
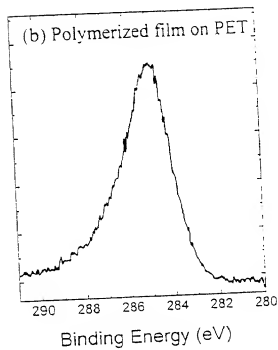
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FIG. 20



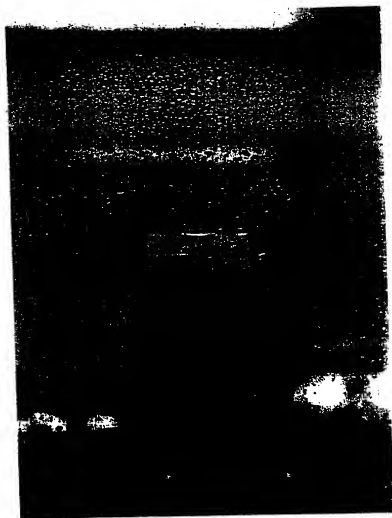
102290-6312850

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**FIG.21A****FIG.21B**

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FIG.22



09887199-0622031



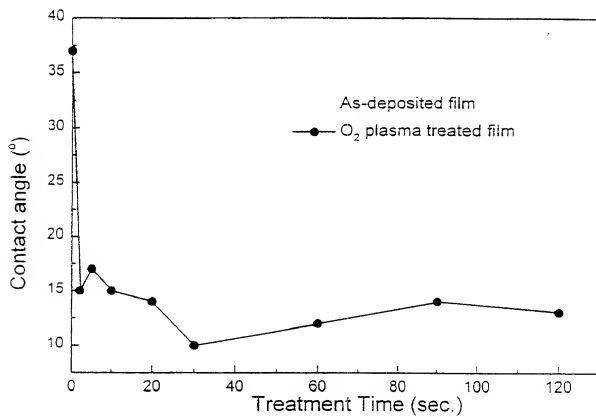
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**FIG.23**



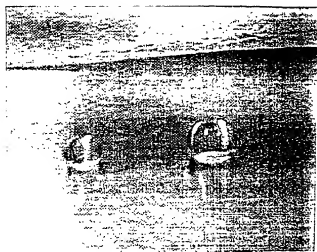
09867189-062201

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FIG. 24



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**FIG. 25**



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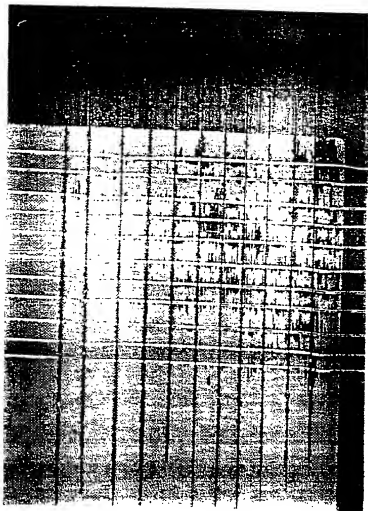
FILE 26



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102250.6912860

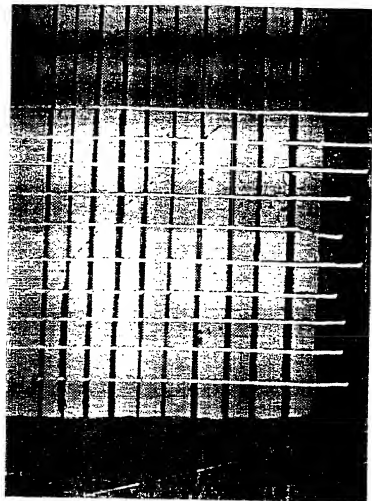
FIG.27



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102290\* 68728860

FIG. 28



102290\* 6817860

FIG. 29

